

22. (New) The motor of claim 21 wherein the length of said first groove portion is greater than or equal to the length of said second groove portion.

23. (New) The motor of claim 21 wherein the length of said first groove portion is less than the length of said second groove portion.

24. (New) The motor of claim 21 wherein the length of said separation is equal to or greater than the length of said tooth surface.

25. (New) The motor of claim 21 wherein the length of said separation is less than the length of said tooth surface.

26. (New) The motor of claim 21 wherein an angle formed by the first portion extending from the tooth surface is greater than ninety degrees.

### **REMARKS**

The Office Action of September 16, 2002 has been received and considered. In the Office Action, claims 1-20 were rejected under either 35 U.S.C. §102(b) or §103(a) as being unpatentable over U.S. Patent No. 4,037,122 to Bonner, alone or in combination with one or more publications.

Claims 1-20 have been cancelled. New claims 21-26 have been added. Reconsideration of the application is requested. No new matter has been added.

New claims 21-26 recite a motor including a stator and at least one phase assembly having a plurality of phase units. The stator and phase units each include teeth having respective tooth surfaces. Adjacent teeth are separated from each other by a specifically shaped groove that extends from respective tooth surfaces and effectively directs the flux density to the tooth surfaces so that the flux density constantly increases